

Abstract of the Disclosure

POLYESTER CORDS AND THEIR USE IN RUNFLAT TIRES

5 The present invention is directed to a runflat tire having at least one of its
components comprising the radial carcass ply, the underlay, the overlay, the bead
inserts or the chippers, reinforced with polyester cords having a polyepoxide disposed
on its surface. The polyester cord is formed by first obtaining a cord through twisting
together a plurality of polyester yarns, secondly treating the cord with an aqueous
10 dispersion comprising a polyepoxide, and thirdly treating the cord with an aqueous
RFL dispersion comprising a resorcinol-formaldehyde resin, a styrene-butadiene
copolymer latex, a vinylpyridine-styrene-butadiene terpolymer latex, and a blocked
isocyanate.